silex technology

SILEX TECHNOLOGY

BUSINESS GUIDE 2008

SILEX-Services

Lifetime-Support
Since all of our products are of the highest quality it is easy for us to support them throughout their entire life cycle. Every time you purchase a SILEX product you also purchase the option of lifetime support for your SILEX product.

Free Support
SILEX offers this lifetime support completely free to you. The service is available to business customers and end customers via the following channels:

Hotline Support
Our trained support technicians are available to answer your questions Monday through
Friday from 9:00 AM to 5:00 PM CET.
Call +49 (0) 21 59 /67 50-22.

E-Mail Support
You may also send your questions at any time to our technical support at support@silexeurope.com. Our staff of employees will make every effort to provide you quick and precise answers to your questions.

Online Support
Sometimes you may encounter problems that are so complex that they cannot be easily described by phone or e-mail. In these situations you may want to use SILEX TECHNOLOGY's online support.

This innovative and user-friendly service allows the SILEX support technician to remotely log into your system. By gaining insight into your computer environment as well as your settings he will be able to identify the problem first-hand without you having to provide extensive explanations. He will be able to guide you to the solution or help you to set up your device correctly. This process is transparent and completely secure and can be cancelled by the customer at any time.

The service is available Monday through Friday from 9:00 AM to 5:00 PM CET in German and English language. Simply log in at www.silexeurope.com/support or give us a call. This service is available for most of the OS.

Free Firmware Upgrades
40% of SILEX employees worldwide are busy with the development of new products and upgrades to the software of already available products. Software upgrades can be downloaded at any time free of charge at the SILEX website:
http://www.silexeurope.com/euro/support

The Global SILEX Network:
Japan I Europe I America I China

More than 30 years experience and quality workmanship

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USB Device Servers

Printing, scanning, faxing and storing – USB device servers enable connecting to and working with very diverse USB devices via network, LAN or wireless LAN. Supported by a device server, USB devices can be used and operated via networks as if they were locally connected. After installation, it is then possible for all network participants to share all connected resources. Depending on the capability of the USB device itself, the functions of documents, barcodes or multifunctional devices can be comfortably operated from any work station.

SX-2000WG+

Wireless/Wired Hi-Speed USB Device Server Isochronous

INNOVATIONSPREIS 2007 initiative mittelstand KATEGORIESIEGER Storage / Netzwerke

MSRP € 158,- ex VAT

The Hi-Speed Wireless USB Device Server provides 802.11g/b wireless or 10/100 Base-TX wired LAN connectivity for USB 2.0 Hi-speed devices. It instantly converts the connected device(s) for access anywhere on your wireless LAN.

Device interface:	1 x USB 2.0 Hi-Speed
Network interface:	IEEE 802.11b/g (up to 54 Mbit/s) 10BASE-T/100BASE-TX (Auto-detection)
Wireless Security:	WEP, WPA-PSK (TKIP + AES), WPA2-PSK (AES) IP-filtering
Operating Systems:	Windows 2000/XP, Windows Server 2003/2008*, Windows Vista, Mac OS 10.2.7 or higher
Protocols:	TCP/IP, LPR, RAW, IPP via standard TCP/IP Port
Configuration:	Web browser, Quick Setup, telnet, Admin Manager

Features:

- Up to 15 USB interface connections including USB Hub
- Easy handling with software tool SX Virtual Link
- Now supports isochronous devices!

* Subject to USB device driver

SX-2000U2

Hi-Speed USB Device Server

PCgo 10 05 sehr gut

MSRP € 109,- ex VAT

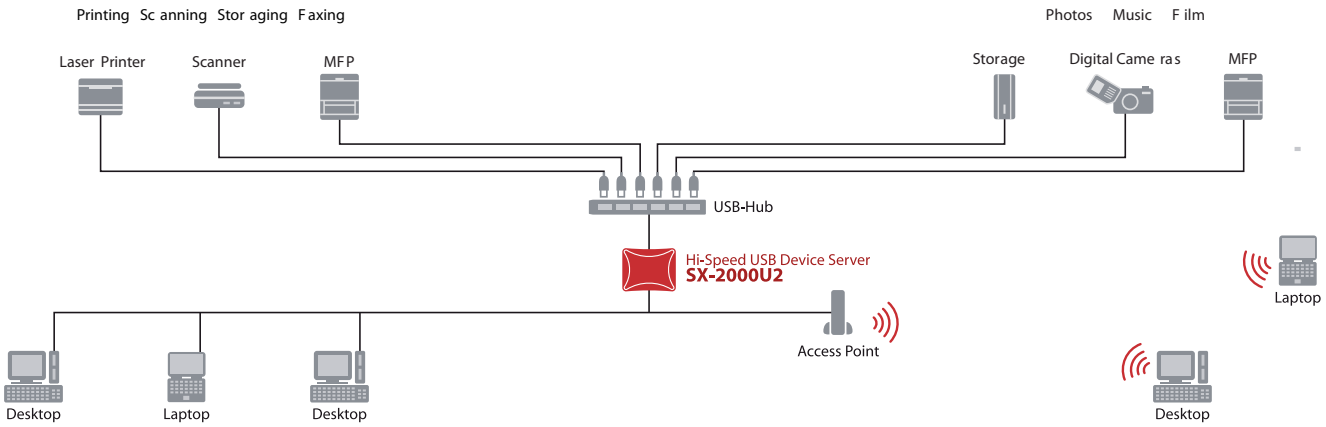
The SX-2000U2 supports the call up of status information monitoring and the operation and setting of functions via USB 2.0 Hi-Speed, subject to the capability of the USB device itself.

Device interface:	1 x USB 2.0 Hi-Speed (480 Mbit)
Network interface:	10BASE-T/100BASE-TX (Auto-detection)
Security:	IP-filtering
Operating Systems:	Windows 2000/XP, Windows Server 2003/2008*, Windows Vista, Mac OS 10.2.7 or higher
Protocols:	TCP/IP, LPR, RAW, IPP via standard TCP/IP Port
Configuration:	Web browser, Quick Setup, telnet, Admin Manager

Features:

- Up to 15 USB interface connections including USB Hub
- Easy handling with software tool SX Virtual Link

Network Graphic



SX-1000U
USB Device Server

MSRP
€ 60,-
ex VAT

The USB device server SX-1000U (Full-Speed) is an especially cost-effective variation for connection of multi-functional devices into a network.

Device interface: 1x USB 2.0 Full-Speed (12 Mbit)
Network interface: 10BASE-T/100BASE-TX (Auto-detection)
Security: IP-filtering
Operating Systems: Windows 2000/XP,
Windows Server 2003/2008*,
Windows Vista,
Mac OS 10.2.7 or higher
Protocols: TCP/IP, LPR, RAW, IPP via standard TCP/IP Port
Configuration: Web browser, Quick Setup, telnet, Admin Manager

Features:
· Up to 15 USB interface connections including USB Hub
· Easy handling with software tool SX Virtual Link

* Subject to USB device driver

SILEX USB and Serial Device Servers compatible with VMware ESX and Server

Device Servers from SILEX enable the use of USB devices and serial equipment under VMware for the first time ever.

Up until now hardware-based end devices such as smart card readers, USB sticks, dongles and modems could not be connected to virtual machines under VMware as the operating system did not support access to physical ports.

Thanks to the USB and Serial Device Servers from SILEX this has been made possible in a very stable and simple manner: the SILEX servers provide USB ports and serial ports in the network which can be used through virtual drivers or serial emulators (SPE) as if the end devices were connected locally. Through this there are no more barriers to using dongle-protected software, printer/scanner functions and fax services via USB ISDN adapters under VMware.

The product families from SILEX offer the perfect solution for any VMware application.

Line card

USB DEVICE SERVERS	DEVICE INTERFACE		NETWORK INTERFACE			OPERATING SYSTEMS				WIRELESS SECURITY		
	USB 1.1 Full Speed	USB 2.0 Hi-Speed	10Base-T/100-Base-TX	Wireless 802.11b	Wireless 802.11g	Windows XP	Windows 2000	Windows Vista	Mac OS X (10.2.7 or higher)	WPA2 (AES)	WPA	WEP
SX-1000U	●		●			●	●	●	●			
SX-2000U2	●	●	●			●	●	●	●			
SX-2000WG+	●	●	●	●	●	●	●	●	●	●	●	●

Network Servers for USB Devices

The network boxes help companies optimize the use of their high-quality document scanners by lowering costs and creating functional solutions for work groups.

In each company there are numerous different devices which ease daily work processes in office communications – whether scanner, multi-functional printer or external memory media. Many of these devices are only available with a USB interface (Universal Serial Bus) for connection to an individual computer. An integrated network connection is rarely offered due to the high cost of purchasing.

There can also be problems with „office assistants“: USB cables, with a maximum length of 5 metres, are too short or perhaps several users want to access one and the same device. Plugging and unplugging the cable, wait times and tedious running around is ineffective. An additional requirement exists, when the USB device must be used remotely, i.e. via wireless, because a network port is not available at that time.

Device servers such as the USB network distributors from Silex Technology offer a solution to these problems. These external network boxes connect USB devices to a LAN (Local Area Network) or WLAN (Wireless LAN). This allows users of a computer that is connected to the company network to use the remote devices as if they were connected locally to it. The devices can be installed at a central location in the office and can be accessed by several employees. The network distributors also support the software packages supplied by the manufacturer of scanners, printers, and barcode- or multifunction devices. Thus, the user can call up specific functions directly on the device or comfortably from the computer. For teams that share a device over the network, a device server represents a cost-saving alternative.

The connection is made via a driver that transfers data normally sent directly to the physical USB port on the computer through the network, firstly via the server and then to the connected device. The server is intended to support bidirectional communication and thereby ensure that the user can continue using his or her previous software application in the usual manner. Installation of network servers into existing LANs or WLANs is done with a few mouse clicks using an installation assistant supplied with the product on a setup CD. Device servers are available with the corresponding software for established Windows OS as well as for Macintosh OS.

Installation is done with a few mouse clicks

An IP filter function, which limits access to the connected devices, and market-standard security protocols such as WPA2 (Wi-Fi Protected Access) for wireless transmission with the Advanced Encryption Standard (AES), an encryption technology that meets industry and office security requirements, improve security in the company.

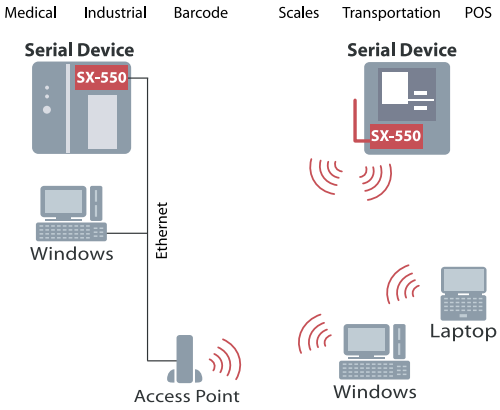
Silex Technology offers the SX-2000U2 model for hardwired LANs and the SX-2000WG model for wireless WLANs. Using the supplied SX Virtual Link management software, the user can select the USB device to the server and establish a connection between the network computer and the device. Using the option menu in SX Virtual Link, favorites can be defined and the connection and software startup can be automated. All functions are also optionally available via a Windows development set with a program library (DLL SDK). Professional integration into existing software applications is especially recommended for standardized scanning processes, for example.

Serial Device Servers

The SILEX serial device server makes every RS-232 or UART compatible serial device network-capable in a LAN or WLAN. Using the included serial port emulator software, devices can be easily integrated and managed by existing PCA applications. The reliable security functions, such as WPA2- encryption (Wireless Application Protocol) and 802.1x-authentication, ensure high security during data transfer in networks.

The serial device server is available as a plug & play product or as an integrated solution for manufacturers.

Network Graphic



SX-500 series

Wireless/Wired Device Server

SX-500-0033

from € 179,- ex VAT

Using the series SX-500 serial server, serial devices can be connected to the network via Ethernet or wireless and used jointly. In addition to the Ethernet interface, the wireless/wired model also offers 802.11b/g-WLAN connectivity.

Device interface: 1 x serial port (RS-232)

Network interface:
· 10BASE-T/100BASE-TX (Auto-detection)
· IEEE 802.11b/g (SX-500-1033 only)

Wireless Security: WPA and WPA2 (personal and enterprise modes), WEP; 802.1x EAP with TLS/TTLS/LEAP/PEAP/FAST; PAP, and MS-CHAPv2,

Protocols: TCP, Telnet, ICMP, SNMP, DHCP, BOOTP, Auto IP, HTTP, SMTP, TFTP, SLP, DNS, Dynamic DNS

Configuration:
· Web browser, ExdendView
· Console accessible via serial port or Telnet

Features:
· Serial Port Emulator software
· Galvanized steel enclosure with an IP40 industrial-grade rating

Range of Models:

SX-500-0033 SILEX Wired Serial Device Server

SX-500-1033 SILEX Wireless/Wired Serial Device Server (MSRP 249,- € ex VAT)

SX-510

Wireless Device Server (Plastic)

MSRP € 299,- ex VAT

The functions of the SX-510 model are identical to that of the SX-500-1033 serial device server. Additionally, the model has more device and network interfaces and interior send/receive antennas.

Device interface: 1 x serial port (RS-232, RS-422, RS-485)

Network interface: IEEE 802.11a/b/g

Wireless Security: WPA and WPA2 (personal and enterprise modes), WEP; 802.1x EAP with TLS/TTLS/LEAP/PEAP/FAST; PAP, and MS-CHAPv2,

Protocols: TCP, Telnet, ICMP, SNMP, DHCP, BOOTP, Auto IP, HTTP, SMTP, TFTP, SLP, DNS, Dynamic DNS

Configuration:
· Web browser, ExdendView
· Console accessible via serial port or Telnet

Features:
· Internal diversity antennas
· Serial Port Emulator software
· Plastic enclosure

SX-550 series

Wireless/Wired Internal OEM Serial Server Module

SX-550-1701

price on request

The SX-550 is a multi-purpose installable module that supports all commercially available standards for radio networks (IEEE 802.11a/b/g) and 100Base-TX and 10Base-T cable connected Ethernet.

Device interface:
- 1 x serial port (RS-232 or UART)
- Second serial port for use as a dedicated console

Network interface:
- 10BASE-T/100BASE-TX (Auto-detection)
- IEEE 802.11a/b/g (SX-550-1701 only)

Wireless Security: WPA and WPA2 (personal and enterprise modes), WEP; 802.1x EAP with TLS/TTLS/ LEAP/PEAP/FAST

Configuration:
- Web browser, ExdendView
- Console accessible via serial port or Telnet

Features:
- 40-pin 1.27 mm pitch surface-mount header
- 8 general purpose input/output (GPIO) signals
- Serial Port Emulator software
- Ethernet bridge mode (SX-550-1701 only)
- 2 x U.FL antenna connectors (antenna diversity)
- Simple Network Management Protocol (SNMP) MIB I + II

Range of Models:

SX-550-0700	Internal OEM Serial Server Module, wired
SX-550-1701	Internal OEM Serial Server Module, wireless/wired
SX-550-6900	Developer's Kit

SX-560

Intelligent Programmable WLAN Module

price on request

Compact radio module (IEEE 802.11a/b/g) with very low power consumption. The module is freely programmable and equipped with comprehensive security functions for WLAN networks. It is universally implementable and especially suited for the initial equipping of network devices in series production.

Device interface:
- 2 x serial ports (RS-232 or UART)
- Plus serial port for use as a dedicated console
- 1 x USB-1.1-Host
- 1 x SPI port

Network interface:
- IEEE 802.11a/b/g

Wireless Security: WPA2(-PSK), WPA(-PSK) und WEP; 802.1x EAP with TLS/TTLS/ LEAP/PEAP/FAST

Configuration:
- Web browser, ExdendView
- Console accessible via serial port, SNMP or Telnet

Features:
- Linux OS on board
- 9 general purpose input/output (GPIO) signals
- 200MHz 32-bit processor, 16MB of RAM and 8MB of flash memory
- low power consumption (3.3V +/-10%; max.: 210mA; plus wake up function)
- Serial Port Emulator software
- Typical end user applications include: mobile battery powered devices, medical devices, weights and measures, industrial automation, any other M2M or SCADA application utilizing serial connectivity

Range of Models:

SX-560-1701	Intelligent programmable WLAN-Module
SX-560-6900	Developer's Kit

SILEX Developer's Kit

The separately available developer packages are fitted with hardware and software tools to support the users' development and test processes: Each scope of delivery includes a developer board, a universal network component, two antennas, console cables and accessories (e.g. RS-232 adapter, antenna stand, place holder), that are required for individual user programming.

Range of Models:

SX-550-6900	Developer's Kit for Serial Server Module SX-550
SX-560-6900	Developer's Kit for intelligent programmable WLAN Module SX-560

A SILEX solution for every application – Serial Servers and Modules

External Serial Device Servers and Wireless Ethernet Adapter

SX-500

- Connects RS-232 serial devices to networks
- 802.11b/g wireless and/or Ethernet wired interface
- Rugged galvanized steel enclosure (IP40 rating)

SX-600

- Bindet Ethernet-Geräte per 802.11 b/g-Standard in drahtlose Netzwerke ein
- Transparentes Bridging
- Robustes, verzinktes Metallgehäuse (Schutzart IP40)

External Serial Device Servers and Wireless Ethernet Adapter

- Simple solutions – just plug in and your device is on network!
- Built-in TCP/IP networking with WPA2 / 802.11i and 802.1X enterprise security
- No special hardware or software required
- Very fast time to market
- Perfect for prototypes and low volume production

Embedded Wireless Serial Device Servers

SX-560

- Connects serial (2xUART), USB 1.1 and SPI devices to networks
- 802.11a/b/g wireless interface
- Very low power consumption
- User programmable with Linux OS
- Diversity antenna capability

SX-550

- Connects serial (UART) devices to networks
- Also supports Ethernet to wireless bridging
- 802.11a/b/g wireless interface and/or Ethernet wired interface
- Diversity antenna capability

Embedded Wireless Serial Device Servers

- Internally mounted solutions
- Built-in TCP/IP networking with WPA2 / 802.11i and 802.1X enterprise security
- Easy to interface to your device
- No special software required
- Fast time to market
- Ideal for medium to high volume production requirements

Embedded Wireless Modules

SX-SDWAG

- 802.11a/b/g wireless SDIO card
- Atheros AR6001 radio
- Diversity antenna capability
- FCC Limited Modular Approval

SX-10WAG

- 802.11a/b/g wireless Mini PCI card
- Atheros AR5414 radio
- Diversity antenna capability
- FCC Limited Modular Approval

SX-10WG

- 802.11b/g wireless Mini PCI card
- Atheros AR5005 radio
- Diversity antenna capability
- FCC Limited Modular Approval

Embedded Wireless Modules

- Lowest cost and most compact solutions
- OEM device handles TCP/IP and security
- Windows and Linux drivers available (contact SILEX for information about other drivers)
- Generally require hardware and/or firmware modification to OEM device
- Best solutions for very high volume production requirements

Wireless Modules

The advantages of seamless wireless communication between different devices – from sensor to mobile computer to host computer - is gaining in importance in almost all industrial sectors. The large advantages of wireless data transfer lie in its enormously high flexibility. Customer specific OEM and individual label solutions based on SILEX modules help manufacturers save time and development efforts.

SX-10WG and SX-10WAG

Wireless Mini PCI Modules (Typ III-B)

The mini PCI module adds WLAN functionality to 802.11b/g (SX-10WG) devices or 80211a/b/g (SX-10WAG) devices. For this, the main processor of the OEM device provides the computing performance for the super ordinate network processes.

Interface: Typ III-B

Radio Output:
- SX-10WAG: IEEE 802.11a (14dBm), IEEE 802.11b (16dBm), IEEE 802.11g (depending on channel: 13-16dBm)
- SX-10WG: IEEE 802.11b (1-14ch: 16dBm), IEEE 802.11g (depending on channel: 12-16dBm)

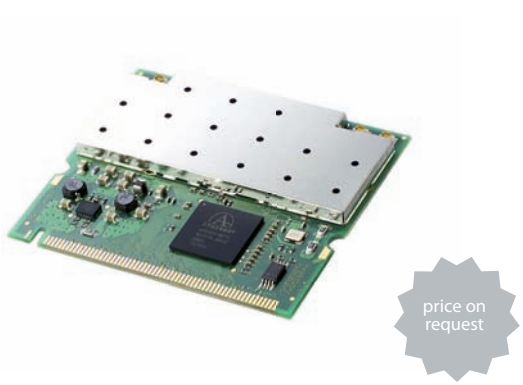
Chipset:
- SX-10WAG: Atheros AR5414A-001
- SX-10WG: Atheros AR5005G

Antenna Connector: · U.FL connector x Diversity antenna

Features:
· Optional with 2dBi antenna

SX-10WAN

Wireless Mini PCI Modules (Typ III-A)



The mini PCI module of types III-A adds WLAN functionality to devices 802.11nDraft2.0 and 802.11/a/b/g and thereby ensures a reliable and prompt data transfer in networks.

Interface: Typ III-A

Radio Output: IEEE 802.11n (12dBm), IEEE 802.11a (14dBm), IEEE 802.11b (14dBm), IEEE 802.11g (16dBm)

Chipset: Atheros AR9160B, AR9106A

Antenna Connector: MIMO 3x3 for high-speed stable networking

Features:
· Supports diversity antenna configuration
· Wide range of global certifications/standards

SILEX – Serial Device Servers and Embedded Modules

SERIAL DEVICE SERVERS	FORM FACTOR		DEVICE INTERFACE					NETWORK INTERFACE				SECURITY					SOFTWARE		
	Extern	Intern	RS-232	USB	General Purpose I/O	SPI	Ethernet Bridge	10Base-T/100-Base-TX	Wireless 802.11a	Wireless 802.11b	Wireless 802.11g	802.1x	WPA2-(PSK)	WPA(-PSK)	WEP	Access Control List	Serial Port Emulator	ExtendView	Update IP
SX-500-0033	●		●					●				●				●	●	●	●
SX-500-1033	●		●					●		●	●	●	●	●	●	●	●	●	●
SX-550-0700		●	●		8	●		●				●				●	●	●	●
SX-550-1701		●	●		8	●	●	●	●	●	●	●	●	●	●	●	●	●	●
SX-560-1701		●	2	1.1	9	●			●	●	●	●	●	●	●	●	●	●	●

SX-SDWAG
Wireless SDIO Module

price on request

The only SDIO card globally that provides 802.11a/b/g compatibility. The broadband radio module is ideally suited for integration in OEM devices in series.

Radio Output: IEEE 802.11a/b/g average 15dBm

Radio Specifications:
- IEEE 802.11a: 5.180GHz-5.240GHz, 5.745-5.825GHz; 5.260-5.320GHz are also supported if DFS is enabled
- 802.11b/g : 2.412GHz~2.472GHz, 2.484GHz

Chipset: Atheros AR6001XL

Antenna Connector:
- U.FL connector x Diversity antenna

Features:
- Drivers for Linux and WinCE available
- 4Kbit EEPROM
- Integrated high performance dual-band Front End Module (FEM), Band Pass Filter, 40MHz Crystal

Embedded Wireless Modules

EMBEDDED WIRELESS MODULES	FORM FACTOR		NETWORK INTERFACE			
	Mini PCI	SDIO	Wireless 802.11a	Wireless 802.11b	Wireless 802.11g	Wireless 802.11n
SX-10WG	●			●	●	
SX-10WAG	●		●	●	●	
SX-10WAN	●		●	●	●	●
SX-SDWAG		●	●	●	●	

EMBEDDED WIRELESS MODULES	HARDWARE NETWORK SECURITY			OTHER FEATURES		
	AES	TKIP	WEP	Limited Moular Approval	Antenna optional	Diversity Antenna
SX-10WG	●	●	●	●	●	●
SX-10WAG	●	●	●	●	●	●
SX-10WAN	●	●	●	●	●	MIMO 3x3
SX-SDWAG	●	●	●	●	●	●

Print Servers

The comprehensive range of internal and external print servers practically makes a connectivity solution available for each printer and each application case for local wireless and/or wired networks. Depending on the device interface, serial, parallel and USB printers can be connected into networks and are available for users together as though they were locally connected.

C-6700WG

Wireless/Wired Hi-Speed Print Server for Canon

MSRP € 129,- ex VAT

The C-6700WG connects Canon printers and multi-functional devices quickly and comfortably into a LAN or WLAN network: Printing, scanning, storage card use, and the use of PC fax functions can happen flexibly via the network.

Device interface:	1 x USB 2.0 Hi-Speed
Network interface:	· IEEE 802.11b/g (up to 54 Mbit/s) · 10BASE-T/100BASE-TX (Auto-detection)
Network security:	WEP, WPA, WPA2 (TKIP + AES) IP-filtering
Operating Systems:	Windows 2000/XP, Windows Vista (except LBP series), Mac OS 10.2.7 or higher (if corresponding drivers available)
Protocols:	TCP/IP
Configuration:	Web browser, Quick Setup, telnet, Windows Connect Now

Features:

- Easily handling with software tool SX Virtual Link
- CX Print: Client software for printing under Windows
- Real-time Canon printer status monitoring support

C-6200U

Wired Print Server for Canon

MSRP € 60,- ex VAT

The C-6200U connects Canon devices optimally and cost-effectively into LANs (Local Area Network).

Device interface:	1 x USB 1.1 Full Speed
Network interface:	10BASE-T/100BASE-TX (Auto-detection)
Network security:	IP-filtering
Operating Systems:	Windows 2000/XP, Windows Vista (except LBP series), Mac OS 10.2.7 or higher (if corresponding drivers available)
Protocols:	TCP/IP
Configuration:	Web browser, Quick Setup, telnet, Windows Connect Now

Features:

- Easily handling with software tool SX Virtual Link
- CX Print: Client software for printing under Windows
- Real-time Canon printer status monitoring support

"It is important to have good partners. When it comes to the networks of our products, we recommend SILEX TECHNOLOGY. Using the C-series from SILEX, which is adjusted perfectly to our products, one can, for example; print, scan, save, fax and have the status in view at all times with our multi-functional devices via a LAN or also WLAN - as if the device was directly connected to the PC." Shuichi Shionoya, Senior General Manager, Canon Europe

SX-200 series

Wireless/Wired 2 Port Print Server USB/Parallel

from € 149,- ex VAT

SX-200-0213

With SX-200 series print servers several users can use a printer equipped with a USB and/or parallel port via wired or wireless network.

Device interface · 1 x USB 2.0 Hi-Speed
· 1 x Parallel port

Network interface: · 10BASE-T/100BASE-TX (Auto-detection)
· IEEE 802.11a/b/g (only SX-200-1213)

Network security: · WEP, WPA, WPA2 (personal and enterprise modes)
· 802.1x EAP with TLS/TTLS/ LEAP/PEAP/ FAST

Operating Systems: Windows, NetWare, UNIX, Macintosh, Open VMS

Protocols: TCP/IP, IPX/SPX, Apple Talk, NetBEUI, DLC, DEC LAT

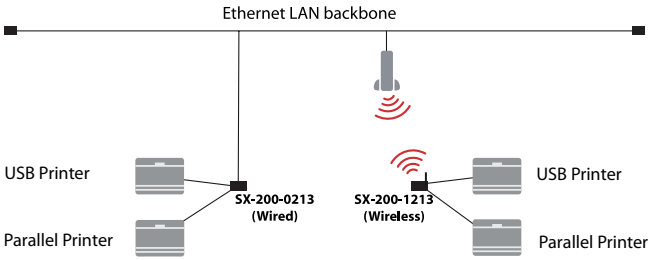
Configuration: Web browser, ExtendView, HP JetAdmin, HP Web JetAdmin, Novell ManageWise

Features:
- Multi protocol and multi OS
- SNMP traps and alert
- JetAdmin compatible with printers and print server status information

Range of Models:

SX-200-0213 Wired 2 Port USB + Parallel print server

SX-200-1213 Wireless/ Wired 2 Port USB + Parallel print server (MSRP 179,- € ex VAT)



SX-2933-S03 PocketPro

Centronics Print Server

MSRP € 139,- ex VAT

SX-2933-S03

SX-100-0013

MSRP € 109,- ex VAT

The SILEX PocketPro is a leading-edge multi-protocol print server that ensures fast and reliable printing in a network. The ideal solution to connect each parallel printer to a 10Base-T Ethernet or 100Base-TX Ethernet.

Device interface: IEEE1284-B Centronics

Network interface: 10BASE-T/100BASE-TX (Auto-detection)

Network security: 802.1x EAP with TLS/TTLS/ LEAP/PEAP/FAST

Protocols: TCP/IP, IPX/SPX, Apple Talk, NetBEUI, DLC, DEC LAT

Configuration: ExtendView, HP JetAdmin/HP Web JetAdmin, telnet

Features:
- Drivers for Apple LaserWriter, DLC
- SSL for secute telnet ans HTTPS for secure configuration

SX-100-0013 PocketBasic

Centronics Print Server

The SILEX PocketBasic is a compact print server that connects directly to the printer via a parallel connection. The print server supports 10Base-T Ethernet and 100Base-TX fast Ethernet and automatically adapts to the connection type.

Device interface: IEEE1284-B Centronics

Network interface: 10BASE-T/100BASE-TX (Auto-detection)

Protocols: TCP/IP, Apple Talk

Configuration: ExtendView, HP JetAdmin/HP Web JetAdmin, telnet

Features:
- AppleTalk „spoofing" for support of non-bidirectional PostScript printers
- AppleTalk binary printing (requires that printer supports the HP Tagged Binary Communications Protocol or can be forced into binary mode)

SX-3100
Centronics Print Server

MSRP € 70,- ex VAT

The SILEX 3100 is a reliable print server that is equipped by design also for the future with technologies such as IPv6.

Device interface: 1 x IEEE1284 Centronics
Network interface: 10BASE-T/100BASE-TX (Auto-detection)

Protocols: TCP/IP, Apple Talk, NetWare, NetBEUI
Configuration: Quick Setup, Admin Manager, Web browser, telnet

Features:
· Supports JetAdmin, Web JetAdmin, and internet printing
· IPv6 compatible

H-260U
Print Server for HP EIO

MSRP € 110,- ex VAT

The SILEX print server H-260U was specially developed to connect two printers to one network: an HP printer with EIO slot and any other arbitrary USB printer.

Device interface: · 1 x HP EIO compatible interface
· 1 x USB 1.1/2.0 Full-Speed (Typ A)
Network interface: 10BASE-T/100BASE-TX (Auto-detection)
Protocols: TCP/IP, NetWare, AppleTalk, NetBIOS/ NetBEUI
Configuration: Web browser, Quick Setup, telnet, Admin Manager, HP Web JetAdmin

Features:
· ThinPrint..print client

SX-350 series
Wireless/Wired OEM Internal Print Server

from € 129,- ex VAT

The SX-350 is an internal multi-protocol print server with which the OEM manufacturer can extend his products in a simple manner to have central network printer functions for wireless and/or Ethernet connected networks.

Interface: · 10BASE-T/100BASE-TX (Auto-detection)
· IEEE 802.11a/b/g (only SX-350-1011)
· IEEE1284 Centronics (40 pin)
· Serial port (RS-232 or UART)
Network security: · WEP, WPA and WPA2 (personal and enterprise modes)
· 802.1x EAP with TLS/TTLS/ LEAP/PEAP/ FAST
Operating System: Windows, Linux, UNIX, Macinstosh, Open VMS, OS/400
Protocols: TCP/IP, NetWare, Apple Talk, NetBIOS/ NetBEUI, DLC/LLC
Configuration: Web browser, ExtendView, HP JetAdmin/ HP Web JetAdmin, telnet, serial port

Features:
· Multi protocol and multi OS
· SNMP traps and alert

Range of Models:
SX-350-0011 OEM Internal Print Server, wired
SX-350-1011 OEM Internal Print Server, Wireless/wired (MSRP 169,- € ex VAT)

Ethernet Converters

The Ethernet converter connects IPv4 devices easily into IPv6 networks and avoids high administration, configuration and operating costs. The high-performance wireless Ethernet adapter connects all Ethernet-capable devices into wireless network environments. This allows the freedom to place end devices anywhere and to use them wireless.

MSRP € 99,- ex VAT

SX-2500CG
Extremely simple

SX-2500CG – Office
SX-600-1003 – Enterprise
Wireless Ethernet Adapter

MSRP € 179,- ex VAT

SX-600-1003
Extremely secure

The SILEX adapters connect each Ethernet-capable device using 802.11b/g standard to wireless networks, without requiring changes to the driver and existing management software.

Interface: · IEEE 802.11b/g
· 10BASE-T/100BASE-TX (Auto-detection)
· SX-600-1003: additional serial port (RS-232)

Security: WEP; SSID, WPA-PSK (TKIP/AES), WPA2-PSK (AES)
· SX-600-1003: additional enterprise modus, PAP and MS-CHAPv2; 802.1x EAP with TLS/TTLS/LEAP/PEAP/FAST

Configuration: · Web browser, AdminManager
· SX-600-1003: additional ExtendView, telnet, and access via serial port

Features:
- No drivers needed - works with any Ethernet-enabled device
- No extra software required
- Ethernet pass-through means any security already provided by your Ethernet enabled device
- Once configured, the SX-2500CG is platform independent so it will work with any operating system and any network device

Range of Models:

SX-2500CG	Wireless Ethernet Adapter – Office
SX-600-1003	Wireless Ethernet Adapter – Enterprise

The SX-2600CV
IPv6-IPv4 Converter

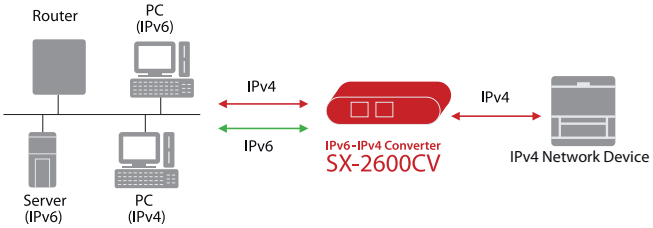
MSRP € 169,- ex VAT

The SX-2600CV connects IPv4 devices easily and without high costs in IPv6 networks.

Interfaces: 2 x Ethernet interface 10BASE-T/100BASE-TX (Auto-detection)

Configuration: Web browser (supporting bulk configuration using a .csv file)

Features:
- Can be used in environments that use both IPv6 and IPv4
- Bridges protocols other than IPv6 and IPv4



Both IPv4 and IPv6 are used in the network.

Presented by:

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